

**GILA RIVER BASIN**

**0948450 CIENGA CREEK NEAR SONOITA, AZ**

**LOCATION**--Lat 31° 51'56", long 110° 34'12", in SW<sub>1/4</sub>NW<sub>1/4</sub>SW<sub>1/4</sub> sec. 13. Pima County, Hydrologic Unit 15050302, north of Sonoita.

**DRAINAGE AREA**--Undetermined.

**PERIOD OF RECORD**--Oct. 2001 to current year.

**REVISED RECORDS**--WSP 1283: Drainage area. WDR AZ-81-1: Drainage area.

**GAGE**--Water-stage recorder and concrete weir. Elevation of gage is 4,180 ft. above sea level, from topographic map.

**REMARKS**--Records fair. No known diversion above station.

**EXTREMES FOR CURRENT YEAR**--Peak discharge above 300 ft<sup>3</sup>/s and (or) maximum (\*):..

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Aug. 5 .....	2115	203	6.54

Minimum daily discharge, 0.18 ft<sup>3</sup>/s, Sept. 26.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.74	0.88	1.0	1.2	1.5	1.5	1.5	0.88	0.44	0.24	0.43	0.39
2	0.81	0.88	1.0	1.2	1.5	1.5	1.5	0.89	0.43	0.24	0.44	0.37
3	0.88	0.88	1.0	1.2	1.5	1.5	1.4	0.88	0.43	0.24	0.56	0.36
4	0.85	0.85	1.0	1.3	1.6	1.5	1.4	0.85	0.44	0.26	0.65	0.37
5	0.80	0.91	1.0	1.2	1.8	1.6	1.4	0.82	0.43	0.27	15	0.36
6	0.83	0.94	1.1	1.2	1.6	1.6	1.4	0.81	0.41	0.27	9.1	0.38
7	0.83	0.92	1.1	1.3	1.5	1.5	1.5	0.79	0.41	0.26	0.99	0.43
8	2.2	0.92	1.0	1.3	1.5	1.5	1.5	0.78	0.41	0.28	0.71	0.51
9	0.96	0.93	1.1	1.3	1.5	1.5	1.5	0.80	0.39	0.31	0.69	0.48
10	0.89	0.93	1.1	1.3	1.4	1.5	1.5	0.77	0.37	0.32	0.64	0.53
11	0.86	0.94	1.2	1.3	1.5	1.5	1.4	0.75	0.37	0.32	0.58	0.50
12	0.83	0.93	1.1	1.3	1.5	1.5	1.4	0.75	0.35	0.35	0.55	0.46
13	0.82	0.99	1.1	1.3	1.5	1.5	1.4	0.72	0.34	0.33	0.50	0.42
14	0.81	0.98	1.1	1.4	1.5	1.5	1.5	0.68	0.32	0.37	0.46	0.40
15	0.81	0.98	1.2	1.4	1.5	1.5	1.5	0.67	0.31	0.40	0.43	0.38
16	0.83	0.97	1.1	1.4	1.5	1.5	1.3	0.67	0.31	1.2	1.2	0.37
17	0.83	0.97	1.1	1.3	1.5	1.5	1.2	0.66	0.30	0.57	0.55	0.38
18	0.83	0.97	1.1	1.3	1.5	1.5	1.2	0.63	0.28	0.56	0.49	0.39
19	0.83	0.98	1.1	1.3	1.5	1.5	1.1	0.61	0.29	0.53	0.56	0.38
20	0.82	0.98	1.1	1.3	1.5	1.5	1.1	0.61	0.29	0.51	0.58	0.38
21	0.82	0.98	1.1	1.3	1.5	1.5	1.1	0.64	0.28	0.48	0.52	0.37
22	0.84	0.98	1.1	1.3	1.5	1.5	1.1	0.67	0.28	0.57	0.48	0.35
23	0.88	0.99	1.1	1.4	1.5	1.5	1.1	0.65	0.26	0.54	0.45	0.34
24	0.88	0.99	1.1	1.4	1.5	1.5	1.0	0.63	0.25	0.52	0.40	0.33
25	0.88	0.99	1.1	1.3	1.5	1.5	1.0	0.59	0.26	0.52	0.38	0.23
26	0.86	0.99	1.1	1.4	1.5	1.5	0.99	0.61	0.25	5.3	0.36	0.18
27	0.87	0.99	1.1	1.4	1.5	1.5	1.00	0.60	0.25	0.82	0.35	0.21
28	0.88	1.0	1.1	1.4	1.5	1.5	0.94	0.54	0.25	0.51	0.38	0.26
29	0.88	1.0	1.2	1.5	---	1.5	0.92	0.52	0.26	0.47	0.41	0.28
30	0.88	1.0	1.2	1.5	---	1.5	0.88	0.48	0.25	0.50	0.38	0.29
31	0.87	---	1.2	1.5	---	1.5	---	0.45	---	0.50	0.37	---
TOTAL	27.60	28.64	34.0	41.2	42.4	46.7	37.73	21.40	9.91	18.56	39.59	11.08
MEAN	0.890	0.955	1.097	1.329	1.514	1.506	1.258	0.690	0.330	0.599	1.277	0.369
MAX	2.2	1.0	1.2	1.5	1.8	1.6	1.5	0.89	0.44	5.3	15	0.53
MIN	0.74	0.85	1.0	1.2	1.4	1.5	0.88	0.45	0.25	0.24	0.35	0.18
MED	0.84	0.97	1.1	1.3	1.5	1.5	1.4	0.67	0.31	0.47	0.50	0.37
AC-FT	55	57	67	82	84	93	75	42	20	37	79	22